

# Wireless PIR motion detector with 90° photo-verification camera

Code: JA-160PC (90)

Used for motion detection inside buildings, including visual alarm confirmation. Taking a photo is activated by motion, so the cause of the alarm is always indicated in the image. The guaranteed detection coverage is 90°/12 m.



## Product description:

- Vision angle of the camera: 90°
- Resolution of photos: LQ 320\*240; HQ 640\*480 pixels
- Flash range: max. 3 metres
- The detector has impulse activation
- The detector can be used to control programmable PG outputs
- The resistance to false alarms is adjustable to two levels
- The detector is a component of the JABLOTRON 100+ system, is addressable and occupies one position in the system

## Technical information:

<b>Power</b>	2x alkaline battery type LR6 (AA) 1.5 V (alternatively 2x AA lithium battery, 1.5 V)
<b>Typical lifetime</b>	about 2 years (1 activation and 1 series of photos a day) Please note: Batteries are not included
<b>Low battery voltage</b>	
- Alkaline batteries	~2,52 V
- Lithium batteries	~2,62 V
<b>Recommended installation height</b>	2.5 m above the floor
<b>PIR Detection angle/detection coverage</b>	90°/12 m
<b>Horizontal camera capture angle</b>	90°
<b>Range of the flash</b>	max. 3 meters
<b>Resolution of the camera</b>	LQ 320x240; HQ 640x480 pixels
<b>Photo size LQ/HQ (typically)</b>	2-20 kB/2-64 kB (6 kB/35 kB)
<b>Typical (LQ) photo transmission time to the control panel (ideally)</b>	up to 20 sec. (10 sec.)
<b>Typical (HQ) photo transmission time to the control panel (ideally)</b>	up to 130 sec. (60 sec.)

<b>Typical photo transfer time to the server</b>	15 s/GPRS; 2 s/LAN
<b>Dimensions, weight</b>	110 x 60 x 55 mm, 102 g
<b>Classification</b>	Security grade 2/Environmental class II
<b>- according to</b>	EN 50131-1, EN 50131-2-2, EN 50131-5-3
<b>- operational temperature range</b>	-10 °C to +40 °C
<b>- operational environment</b>	indoor general
<b>- certification body</b>	Trezor Test s.r.o. (no. 3025)
<b>Also complies with</b>	ETSI EN 300 220, EN 50130-4, EN 55032, EN 60950-1
<b>Can be operated according to</b>	ERC REC 70-03